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- 28 -

Abstract of the Disclosure

A system is provided wherein relatively low-end computers, such as
5 portable, battery-powered computers ordinarily incapable of sophisticated
Internet browsing functions may be used to browse the Internet. The
enhanced computing ability for such portables is provided by a unique
Internet server adapted for transposing data files to alternative, low-
information-density form, preferably comprising simplified or single files
10 suitable for rapid processing and display by connected portable and other low-
end computers In embodiments wherein batter-powered field units are used,
battery life is exhibited far beyond what would be expected for a battery-
powered computer with computing power for browsing the Internet directly.
In some embodiments of the invention adapted files are saved and identified
15 for future use in communicating with specific devices over Internet
connections.